



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Joullié *et al.*

Appl. No.: 09/767,080

Filed: January 22, 2001

For: **Deoxo-Proline-Containing  
Tamandarin and Didemnins Analogs,  
Dehydro-Proline-Containing  
Tamandarin and Didemnins Analogs,  
and Methods of Making and Using  
Them**

Confirmation No.: 5576

Art Unit: 1653

Examiner: Abdel A. Mohamed

Atty. Docket: 1694.0640001

**Third Supplemental Information Disclosure Statement  
Under 37 C.F.R. § 1.97(c)**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Third Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Second Supplemental Information Disclosure Statement filed on September 30, 2004, in connection with the above-captioned application. Copies of documents **AL1** and **AT2-AR9** are submitted herewith.

Applicants would like to bring to the attention of the Examiner that, for the following document, the month of publication could not be determined to the best of the Applicants' ability:

06/09/2005 SDENBOB1 00000101 09767080

02 FC:1806

180.00 OP

Document **AR6**, Ramanjulu, J.M., *et al.*, "Synthetic Studies of a Didemnin B Analog Based on a 2,3-Diamino Sugar Scaffolding," *Journal of the Chinese Chemical Society* 48:1-4, The Chemical Society (Taipei) (2001).

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an

action that otherwise closes prosecution in the application. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Matthew J. Dowd  
Agent for Applicants  
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Date: June 8, 2005

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FORM PTO-1449

ATTY. DOCKET NO.

1694.0640001

APPLICATION NO.

09/767,080

THIRD SUPPLEMENTAL

INFORMATION DISCLOSURE STATEMENT

FIRST NAMED INVENTOR

Joullié, Madeleine M.

FILING DATE

January 22, 2001

ART UNIT

1643

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	WO 02/02596 A2	01/10/2002	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT	<u>2</u>	Ahuja, D., <i>et al.</i> , "Inhibition of Protein Synthesis by Didemnins: Cell Potency and SAR," <i>J. Med. Chem.</i> 43:4212-4218, American Chemical Society (November 2000)

EXAMINER

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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>3</u>	Ahuja, D., <i>et al.</i> , "Inhibition of Protein Synthesis by Didemnin B: How EF-1 $\alpha$ Mediates Inhibition of Translocation," <i>Biochemistry</i> 39:4339-4346, American Chemical Society (April 2000)
	AS	<u>3</u>	Ding, X., <i>et al.</i> , "Structure-Activity Relationships of Side-Chain Modified Didemnins," <i>Bioorg. Med. Chem. Lett.</i> 11:231-234, Pergamon Press (January 2001)
	AT	<u>3</u>	Joullié, M.M., <i>et al.</i> , "Chemical Defense in Ascidians of the <i>Didemnidae</i> Family," <i>Bioconjugate Chem.</i> 14:30-37, American Chemical Society (January-February 2003)

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>4</u>	Liang, B., <i>et al.</i> , "Total Syntheses and Biological Investigations of Tamandarins A and B and Tamandarin A Analogs," <i>J. Am. Chem. Soc.</i> 123:4469-4474, American Chemical Society (May 2001)
AS	<u>4</u>	Mayer, S., <i>et al.</i> , "Synthetic Routes to a Constrained Ring Analog of Didemnin B," <i>J. Org. Chem.</i> 61:1655-1664, American Chemical Society (1996)
AT	<u>4</u>	Mayer, S., <i>et al.</i> , "The Cyclic Depsipeptide Backbone of the Didemnins," <i>Acta Cryst. C</i> 51:1609-1614, Blackwell Publishing (1995)

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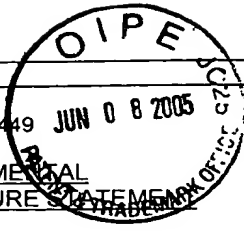
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>5</u>	Pfizenmayer, A.J., <i>et al.</i> , "Synthesis and Biological Activities of [N-MeLeu <sup>5</sup> ] Didemn B," <i>Biog. Med. Chem. Lett.</i> 6:2713-2716, Pergamon Press (1996)
	AS	<u>5</u>	Pfizenmayer, A.J., <i>et al.</i> , "Synthesis and Biological Activities of [N-MeLeu <sup>5</sup> ]- and [N-MePhe <sup>5</sup> ]- Didemn B," <i>Tetrahedron</i> 55:313-334, Pergamon Press (January 1999)
	AT	<u>5</u>	Portonovo, P., <i>et al.</i> , "First Total Synthesis of a Fluorescent Didemn B," <i>Tetrahedron</i> 56:3687-3690, Pergamon Press (June 2000)

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	AS	6	Ramanjulu, J.M., <i>et al.</i> , "Syntheses of Acyclic Analogs of Didemnin B," <i>Synthetic Communications</i> 27:3259-3272, Marcel Dekker, Inc. (1997)
	AT	6	Ramanjulu, J.M., <i>et al.</i> , "Synthesis of a Reduced Ring Analog of Didemnin B," <i>J. Org. Chem.</i> 62:4961-4969, American Chemical Society (1997)

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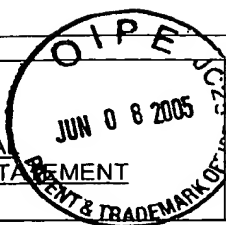
AR	<u>7</u>	Ramanjulu, J.M., <i>et al.</i> , "Analogues of the $\beta$ -Turn of the Cyclodepsipeptide Didemnin B," <i>Tetrahedron Letters</i> 37:311-314, Pergamon Press (1996)
AS	<u>7</u>	Ramanjulu, J.M., <i>et al.</i> , "A Facile Synthesis of Benzyl 2-Amino-3-Azido-4-O-p-Methoxybenzyl-6-O-Benzyl-2,3-Dideoxy- $\alpha$ -D-Glucopyranoside: A Key Intermediate in the Formation of a Didemnin B Analog," <i>J. Carbohydrate Chemistry</i> 15:371-381, Marcel Dekker, Inc. (1996)
AT	<u>7</u>	Tarver, J.E., <i>et al.</i> , "Total Syntheses of Conformationally Constrained Didemnin B Analogues. Replacements of <i>N</i> , <i>O</i> -Dimethyltyrosine with L-1,2,3,4-Tetrahydroisoquinoline and L-1,2,3,4-Tetrahydro-7-methoxyisoquinoline," <i>J. Org. Chem.</i> 66:7575-7587, American Chemical Society (November 2001)

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>8</u>	Vera, M.D., <i>et al.</i> , "Synthesis and Biological Evaluation of Didemnin Photoaffinity Analogues," <i>Biorg. Med. Chem. Lett.</i> 11:1871-1874, Pergamon Press (July 2001)
AS	<u>8</u>	Vera, M.D., <i>et al.</i> , "Natural Products as Probes of Cell Biology: 20 Years of Didemnin Research," <i>Medicinal Research Reviews</i> 22:102-145, John Wiley & Sons, Inc. (March 2002)
AT	<u>8</u>	Vera, M.D., <i>et al.</i> , "[Lys <sup>3</sup> ] Didemnins as Potential Affinity Ligands," <i>Biorg. Med. Chem. Lett.</i> 11:13-16, Pergamon Press (January 2001)

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PRIORITY DOCKET NO.

1694.0640001

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	AR	<u>9</u>	Xiao, D., <i>et al.</i> , "Total Synthesis of a Conformationally Constrained Didemnins B," <i>J. Org. Chem.</i> 66:2734-2742, American Chemical Society (April 2001)
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